

APPENDIX I.1 CERTIFICATES OF ANALYSIS

Customer Contact: David Broderick
Customer: Hydro-Environmental Services
Customer Address: 22 Main Street
Dungarvan
Co Waterford



Report Reference: 15-03121-
Report Version: 1

Report Date: 17/07/2015

Customer PO No.:
Chain of Custody No.:

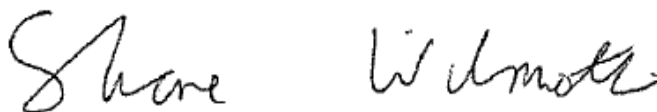
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Certificate Of Analysis

Analysis of 4 sample(s) submitted on 08/07/2015 is now complete.
We have the pleasure of enclosing your certificate of analysis.

Should you have any queries regarding the report or require any further services, we would be happy to discuss your requirements. For additional information about the company please log-on to our web site at the above address.

Thank you for choosing City Analysts Limited. We look forward to assisting you again.

Authorised By: 
Shane Wilmoth

Date: 17/07/2015

Note: Information on methods of analysis and performance characteristics is available on request.

Note: Results relate only to the items tested.
Test report shall not be reproduced except in full or with written approval of City Analysts Ltd.

Template 1146
Revision 018

Certificate of Analysis

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Sample Description: SW1
Sample Type: Surface Water
Date Sampled: 07/07/2015
Lab Reference Number: 213679

Site/Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value	Accreditation Status
D/3000	16/07/2015	Ammonia as N	0.02	mg/l	-	INAB
D/1003	08/07/2015	CBOD5	<2	mg/l	-	INAB
D/3000	16/07/2015	Chloride	<10	mg/l	-	INAB
D/3000	16/07/2015	Nitrite as N	0.01	mg/l	-	INAB
D/3000	16/07/2015	Nitrate as N	<2	mg/l	-	INAB
D/3000	16/07/2015	Ortho-phosphate as P	<0.025	mg/l	-	INAB
D/3001	17/07/2015	Phosphorus, total as P	<0.05	mg/l	-	INAB
D/1049	15/07/2015	TSS	4	mg/l	-	INAB

Note:

NAC & ATC - No abnormal change and acceptable to customers.

TVC - Total Viable Count

PV Value is the parametric value, taken from European Communities, (Drinking Water) Regulations, 2014. S.I. No. 122 of 2014, and relates only to drinking water samples.

Site D = Analysed at City Analysts Dublin. Site L = Analysed at City Analysts Shannon. Site SUBC= Analysed at a subcontracted lab

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Sample Description: SW2
Sample Type: Surface Water
Date Sampled: 07/07/2015
Lab Reference Number: 213680

Site/Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value	Accreditation Status
D/1049	11/07/2015	TSS	<2	mg/l	-	INAB
D/3000	16/07/2015	Ortho-phosphate as P	<0.025	mg/l	-	INAB
D/3001	17/07/2015	Phosphorus, total as P	<0.05	mg/l	-	INAB
D/3000	16/07/2015	Nitrate as N	<2	mg/l	-	INAB
D/1003	08/07/2015	CBOD5	<2	mg/l	-	INAB
D/3000	16/07/2015	Nitrite as N	<0.005	mg/l	-	INAB
D/3000	16/07/2015	Chloride	<10	mg/l	-	INAB
D/3000	16/07/2015	Ammonia as N	<0.01	mg/l	-	INAB

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Sample Description: SW3
Sample Type: Surface Water
Date Sampled: 07/07/2015
Lab Reference Number: 213681

Site/Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value	Accreditation Status
D/3000	16/07/2015	Ammonia as N	0.03	mg/l	-	INAB
D/1003	08/07/2015	CBOD5	2	mg/l	-	INAB
D/3000	16/07/2015	Chloride	<10	mg/l	-	INAB
D/3000	16/07/2015	Nitrite as N	<0.005	mg/l	-	INAB
D/3000	16/07/2015	Nitrate as N	<2	mg/l	-	INAB
D/3000	16/07/2015	Ortho-phosphate as P	<0.025	mg/l	-	INAB
D/1049	11/07/2015	TSS	<2	mg/l	-	INAB
D/3001	17/07/2015	Phosphorus, total as P	<0.05	mg/l	-	INAB

Note:

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TVC - Total Viable Count

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Sample Description: SW4
Sample Type: Surface Water
Date Sampled: 07/07/2015
Lab Reference Number: 213682

Site/Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value	Accreditation Status
D/1049	11/07/2015	TSS	<2	mg/l	-	INAB
D/3000	16/07/2015	Ortho-phosphate as P	<0.025	mg/l	-	INAB
D/3001	17/07/2015	Phosphorus, total as P	<0.05	mg/l	-	INAB
D/3000	16/07/2015	Ammonia as N	<0.01	mg/l	-	INAB
D/3000	16/07/2015	Nitrite as N	<0.005	mg/l	-	INAB
D/3000	16/07/2015	Nitrate as N	<2	mg/l	-	INAB
D/3000	16/07/2015	Chloride	<10	mg/l	-	INAB
D/1003	08/07/2015	CBOD5	<2	mg/l	-	INAB

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